



**California State Lands Commission
Presents
Prevention First 2010
Twenty Years of Prevention 1990 – 2010
An Onshore & Offshore Pollution
Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS**



MARINE TERMINAL RISK AND SAFETY

Moderator: Kevin Mercier, California State Lands Commission

- **Process Safety Management for Marine Terminals and Human Factors***
by William Bridges and Ginette M. Collazo, Ph.D., Process Improvement Institute, Inc.
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- **Shiftwork Design & Safety***
by George Brogmus, Liberty Mutual Insurance Group
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CALIFORNIA'S MARINE INVASIVE SPECIES PROGRAM

Moderator: Maurya B. Falkner, California State Lands Commission

- **California's Marine Invasive Species Program Overview and Current Activities**
by Lynn Takata, California State Lands Commission
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- **Implementing California's Performance Standards for the Discharge of Ballast Water**
by Nicole A. Dobroski, California State Lands Commission
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- **Developing a Shipboard Ballast Treatment Test Facility – Golden Bear Facility**
by Kevin Reynolds, P.E., The Glosten Associates
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Presents
Prevention First 2010
Twenty Years of Prevention 1990 – 2010
An Onshore & Offshore Pollution
Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



VESSEL FOULING AS A VECTOR OF INVASIVE SPECIES I

Moderator: Maurya B. Falkner, California State Lands Commission

- **Vector Analysis and the Role of Hull Fouling in California's Invasion History**
by Greg Ruiz, Ph.D., Smithsonian Environmental Research Center
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- **Commercial Vessel Biofouling and Species Transfers on the U.S. Pacific Coast***
by Ian Davidson, Ph.D., Aquatic Bioinvasion Research & Policy Institute
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- **An Overview of the Hull Husbandry Practices and Fouling – Related Voyage Characteristics of California's Commercial Fleet**
by Chris Scianni, California State Lands Commission
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VESSEL FOULING AS A VECTOR OF INVASIVE SPECIES II

Moderator: Gail Ashton, Ph.D., Smithsonian Environmental Research Center

- **Fouling of Ship Hulls and Its Impact on Ship Performance (Speed and Fuel Consumption) and Greenhouse Gas Emissions***
by Daniel Kane, Propulsion Dynamics Inc.
Click here to view the PowerPoint Presentation
- **Understand the Antifouling Coating Options Available to Ship Owners**
by John Kelly, Ph.S., International Paint LLC
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Prevention First 2010
Twenty Years of Prevention 1990 – 2010
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



VESSEL FOULING AS A VECTOR OF INVASIVE SPECIES III

Moderator: Christopher Brown, Smithsonian Environmental Research Center

- **Addressing Biofouling Risks at the International Level: Challenges and Opportunities**

by Naomi Parker, Ph.D., MAF Biosecurity New Zealand

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- **Biofouling on Ships in Canadian Waters – Current Science and Policy Initiative***

by Chris Wiley, Transport Canada Ontario Region & Fisheries and Oceans Canada

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- **Technology for the Assessment of Marine Fouling Growth on Ship Hulls***

by Dana Lynn, Naval Surface Warfare Center, Carderock Division

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- **Federal Perspective on Biofouling Management**

by Bryan Vogel, U.S. Maritime Administration

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MARINE OIL AND LNG TERMINAL ENGINEERING STANDARDS AND NEW TERMINALS

Moderator: Martin L. Eskijian, P.E., California State Lands Commission

- **Current Implementation of Marine Oil Terminal Engineering and Maintenance Standards (MOTEMS)**

by Martin L. Eskijian, P.E., California State Lands Commission

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- **Proposed Liquefied Natural Gas Engineering and Maintenance Standards (LNGTEMS)**

by Gayle Johnson, P.E., Halcrow

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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



MARINE OIL AND LNG TERMINAL ENGINEERING STANDARDS AND NEW TERMINALS

Moderator: Martin L. Eskijiam, P.E., California State Lands Commission

- **Update on the Design of Berth 408 Crude Oil Import Terminal at the Port of Los Angeles**
by Ron Heffron, P.E., Moffatt & Nichol
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NEW STRUCTURAL ANALYSES METHODOLOGIES FOR PIERS/WHARVES

Moderator: William Bruin, P.E., Halcrow

- **Simplified Procedures for Seismic Analysis and Design of Piers and Wharves**
by Rakesh Goel, Ph.D., P.E., California State Polytechnic University, San Luis Obispo
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- **Nonlinear Analyses and Implementation**
by Marc Percher, P.E., Halcrow and Alex Augustin, California State Lands Commission
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NEW ANALYSES METHODOLOGIES FOR PIERS/WHARVES

Moderator: Omar Jararat, Ph.D., P.E., Moffatt & Nichol

- **MOTEMS Division 6 Revisions – Geotechnical Hazards and Foundations**
by Arul Arulmoli, Ph.D., P.E., G.E., Earth Mechanics, Inc.
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- **Passing Ship Effects in Confined Waterways**
by John Flory, Tension Technology International
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Prevention First 2010
Twenty Years of Prevention 1990 – 2010
An Onshore & Offshore Pollution
Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



NEW ANALYSES METHODOLOGIES FOR PIERS/WHARVES

Moderator: Omar Jararat, Ph.D., P.E., Moffatt & Nichol

- **Passing Vessel Analysis for Complex Conditions**
by Johannes (Jo) Pinkster, Ph.D., Pinkster Marine Hydrodynamics
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NEW SEISMIC STANDARDS FOR PIERS AND WHARVES AND OFFSHORE WIND TURBINES

Moderator: Ted Trenkwalder, S.E., Ben C. Gerwick

- **New ASCE Seismic Design Standards for Piers and Wharves**
by Gayle Johnsons, P.E., Halcrow
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- **Fully Coupled Dynamic Model of Offshore Wind Turbines***
by Kourosh Shoele, University of California, San Diego
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LEARNING FROM RECENT EARTHQUAKE & TSUNAMIS

Moderator: Kendra Oliver, P.E., California State Lands Commission

- **Eureka Earthquake of January 9, 2010, Recent Tsunamis, and Lessons for California**
by Lori Dengler, Ph.D., California State University, Humboldt
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- **Haiti Earthquake of January 12, 2010**
by Alex Augustin, California State Lands Commission and William Bruin, P.E., Halcrow
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



LEARNING FROM RECENT EARTHQUAKE & TSUNAMIS

Moderator: Kendra Oliver, P.E., California State Lands Commission

- **Chile Earthquake and Tsunami of February 27, 2010**
by Omar A. Jararat, Ph.D., P.E., Moffatt & Nichol, Marc Percher, P.E., Harlcrow, and Arul Arulmoli, Ph.D., P.E., G.E., Earth Mechanics, Inc.
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- **Tsunami Impacts to Southern California Related to Chilean Earthquake of February 27, 2010***
by David Dykstra, P.E., Moffatt & Nichol
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MANAGING RESPONSE

Moderator: Scott Schaefer, California Department of Fish and Game, OSPR

- **Local Government**
by Janell R. Myhre, Marin County Sheriff's Office of Emergency Services
[Click here to view the PowerPoint Presentation](#)
- **Response Equipment Grant Program**
by Cindy Murphy, California Department of Fish and Game, OSPR
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- **Deepwater Horizon***
by Scott Schaefer, California Department of Fish and Game, OSPR
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- **Deepwater Horizon Oil Spill: Case Study for Standing Up a Large Scale Alternative Response Technologies Review, Testing and Evaluation Program**
by Yvonne Addassi, California Department of Fish and Game, OSPR
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- **GoM Shoreline Cleanup Assessment Teams**
by Michael Connell, California Department of Fish and Game, OSPR
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



INTEGRATING EMERGENT COMMUNICATION TECHNOLOGIES

Moderator: Alexia Retallack, California Department of Fish and Game, OSPR

- **Public Information***

*by Carol Singleton, California Department of Fish and Game, OSPR
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- **Social Networking***

*by Ingrid Martin, Ph.D., California State University, Long Beach
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- **Blogging***

*by Michael Ziccardi, DVM, MPVM, Ph.D., University of California, Davis, Wildlife Health Center OWCN
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REGULATORY PROGRAM UPDATES

Moderator: Steve Sawyer, California Department of Fish and Game, OSPR

- **Vessel Oil Spill Contingency Plans – Then and Now**

*by Chris Klumpp, California Department of Fish and Game, OSPR
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- **Bunkering and Lightering and Other Regulation Updates**

*by Joy Lavin-Jones, California Department of Fish and Game, OSPR
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- **Drills and Exercise Program Update**

*by Barbara Foster, California Department of Fish and Game, OSPR
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- **Montebello**

*by Steve Sawyer, California Department of Fish and Game, OSPR
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Presents
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



NATURAL RESOURCE DAMAGE ASSESSMENT (NRDA)

Moderator: Mike Anderson, Ph.D., California Department of Fish and Game, OSPR

- **Cosco Busan NRDA***
by Steve Hampton, Ph.D., California Department of Fish and Game, OSPR
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- **Dubai Star NRDA***
by Beckye Stanton, Ph.D., California Department of Fish and Game, OSPR
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- **Coordination Between NRDA & Response***
by Greg Baker, National Oceanic and Atmospheric Administration (NOAA)
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HARBOR SAFETY COMMITTEE PREVENTION ISSUES

Moderator: Ted Mar, California Department of Fish and Game, OSPR

- **Shipboard Experiences with Low Sulfur Distillate Fuel Oil**
by CAPT Jeff Cowan, California Department of Fish and Game, OSPR
Click here to view the PowerPoint Presentation
- **Shipping Patterns (LA/LB)**
by CAPT Dick McKenna, Marine Exchange of Southern California
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- **Unintended Consequences of Regulations, A Pilot and HSC Chair Perspective***
by CAPT John Strong, Jacobsen Pilot Service
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Prevention First 2010
Twenty Years of Prevention 1990 – 2010
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



PIPELINE SAFETY

Moderator: Chandra Basavalinganadoddi, P.E., California State Lands Commission

- **Piping Risk Management System***
by Kathy Griffis, THUMS Long Beach Company
[Click here to view the PowerPoint Presentation](#)
- **Best Safety Practices in Onshore Pipeline Construction**
by Orval Williams, Willbros
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- **OCS Pipeline Integrity – Platform Irene Oil Platform Case Study***
by Theresa P. Bell, U.S. Dept. of the Interior – Bureau of Ocean Energy Management, Regulation, and Enforcement
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ENVIRONMENTAL PROTECTION

Moderator: Mark Le Clair, California State Lands Commission

- **Eliminating Spills with Advanced Technology***
by Lee Sherwood, Frontline Environmental Technologies Group, Inc.
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- **Environmental Protection and Development of Spill Prevention Technologies***
by William A. Morris, Aera Energy LLC
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- **Boosting Oil Boom Performance through Bubble Enhancement***
by Ira Leifer, Ph.D., University of California, Santa Barbara
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Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS**



ALTERNATIVE ENERGY CONCEPTS AND GREENHOUSE GAS EMISSIONS

Moderator: Madhu Ahuja, P.E., California State Lands Commission

- **Ocean Energy Project Siting Issues in California***
by William Toman, CH2M Hill, Washington, D.C.
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- **Wind Energy Projects**
by Gregory Miller, California Bureau of Land Management
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- **Offshore Alternate Energy Project Outlook – Permitting and Environmental Issues**
by Simon A. Poulter, Padre Associates, Inc.
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- **GHG Review in Recent and Future Marine Terminal Lease Renewals and Permits**
by Lynn McGuire, P.E., ERM
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DECOMMISSIONING OFFSHORE OIL FACILITIES CONCEPTS

Moderator: Greg Pelka, California State Lands Commission

- **Decommissioning of Platforms Feasibility Study**
by Brock Bernstein, Ph.D.
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- **Decommissioning of Platforms: Disposal Options**
by Robert C. Byrd, Ph.D., P.E., Proserv Offshore, Inc.
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- **Subsea Pipeline Abandonment**
by Ted Roche, Aqueos
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Prevention First 2010
Twenty Years of Prevention 1990 – 2010
An Onshore & Offshore Pollution
Prevention Symposium & Technology
Exhibition
October 19-20, 2010
The Westin Long Beach Hotel
TABLE OF CONTENTS



PLATFORM SAFETY

Moderator: Craig Webster, California State Lands Commission

- **Offshore Facility Process Safety Systems Overview**
by Steven T. Maher, P.E., CSP, Risk Management Professionals, Inc.
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- **Platform Holly Crane Safety and Efficiency Improvements**
by George K. Ramsay, P.E., Venoco, Inc.
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- **Mitigating Offshore Oil/Water Discharge Risks by Revamping Process Systems on Platform Holly***
by Ted Frankiewics, SPECS Services, Inc.
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- **Platform Safety Audit Program**
by Mark Steinhilber, California State Lands Commission
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